



WearGuard™ D-A X-tended Hour SYN FQC is formulated with ChemGuard™, a proprietary breakthrough additive technology in rotary screw, rotary vane and reciprocating compressor lubricants. It offers significantly improved wear protection, oxidative stability and lubricity vs. currently available H-1 food grade synthetic lubricants. While many standard food grade compressor oils last 2,000 hours, WearGuard™ D-A X-tended Hour SYN FQC is designed to last 4,000 to 6,000 hours.

WearGuard™ D-A X-tended Hour SYN FQC was designed with a superior additive package meeting 1998 USDA H-1 and is NSF registered. Field tests have shown these lubricants to outlast other synthetic H-1 lubricants by 50% to 99%.

D-A Lubricant Company has raised the bar on performance for standard PAO/Ester based food grade lubricants. This new proprietary additive package greatly extends oil life and load carrying capability without exceeding TAN (total acid number) or viscosity limits.

Applications

- Rotary Screw
- Reciprocating
- Rotary Vane

Characteristics

- Designed for up to 6,000 Hours Use
- Meets USDA H1 Incidental Contact Requirements (FDA 21 CFR178.3570)
- Outstanding Wear & Lubricity Properties
- Excellent Oxidative Stability & Resistance
- Good Rust & Corrosion Protection
- Reduced Varnish & Carbon
- Low Pour Point & High Flash & Auto-Ignition Points
- High Film Strength

Typical Properties

D-A X-tended Hour SYN FQC	ASTM Test	D-A X-tended Hour SYN FQC 46	D-A X-tended Hour SYN FQC 68	D-A X-tended Hour SYN FQC 100
ISO Viscosity Grade	D2422	32/46	68	100
Viscosity, cSt. 40° C	D445	38.8	59.7	98.7
100° C	D445	7.3	9.8	14
Viscosity Index	D2270	154	148	144
Pour Point	D97	-50° C	-50° C	-50° C
	D97	-58° F	-58° F	-58° F
Flash Point	D92	240° C	240° C	240° C
	D92	464° F	464° F	464° F
Specific Gravity °C	D1298	0.85	0.87	0.85
Evaporation Loss % 22hrs 210° F	D972	1.0	1.0	1.0



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